

GEOS-5 AGCM User's Guide

What is GEOS-5?

The Goddard Earth Observing System (version 5) suite and its Atmospheric General Circulation Model (AGCM) are being developed at the [GMAO](#) to support NASA's earth science research in data analysis, observing system modeling and design, climate and weather prediction, and basic research. To learn more about GEOS-5 software, please visit the [MAP GEOS-5 Software page](#).

See the [Overview](#) for a list of features.

This User's Guide serves as an installation and build guide for the new GEOS-5 user and as a reference for the experienced user. It is limited to GEOS-5 AGCM-only.

First time users

[Set up accounts](#)

Quick Start

If you just need a quick set of essential commands to get, build, and run GEOS-5 AGCM, this [Quick start GEOSgcm run](#) guide may be just what you're looking for.

Building and Installing the GEOS-5 AGCM

Running the GEOS-5 AGCM

Architectural Overview

Additional information

Contacts and references

GEOS-5 Workflow

The [MAPME Workflow Tool](#) is being developed by SIVO to provide NASA modelers with a friendlier graphical interface for configuring and running their models. The GEOS-5 GCM is currently being tested in the prototype workflow system. Documents and discussions in that [community](#) can explain the [features of the Workflow Tool](#) and how to [use it with GEOS-5](#) on NCCS systems.